

## CLAIMS

We claim:

1. A multilayer container comprising:
  - a first layer comprising polypropylene; and
  - 5 a second layer comprising a material selected from the group consisting of EVOH and nylon, directly adjacent to said first layer;
  - wherein at least one of said first and second layer further comprises an adhesive.
2. The container of claim 1 wherein said first layer contains approximately 0.01% to  
10 0.20% maleic anhydride.
3. The container of claim 1 wherein said first layer contains approximately 0.015% maleic anhydride.
4. The container of claim 1 wherein said container has a haze value of less than approximately 29% measured through a section of the container having a total  
15 thickness of greater than approximately 15 mils.
5. The container of claim 1 wherein said container has a haze value of approximately 10%-12% measured through a section of the container having a total thickness of greater than approximately 15 mils.
6. The container of claim 1 wherein said second layer comprises EVOH.
- 20 7. The container of claim 1 wherein said second layer comprises MXD6 nylon.
8. The container of claim 1 wherein said second layer comprises nylon 6.
9. The container of claim 1 wherein said second layer comprises nylon 6/66.
10. A multilayer container comprising:

a first layer comprising polypropylene and maleic anhydride; and  
a second layer comprising a material selected from the group consisting of  
EVOH and nylon, directly adjacent to the first layer;  
wherein the maleic anhydride facilitates bonding between the first layer and  
5 the second layer.

11. The container of claim 10 wherein the first layer comprises approximately 0.010% to  
0.20% maleic anhydride.

12. The container of claim 10 wherein the first layer contains approximately 0.015%  
maleic anhydride.

10 13. The container of claim 10 wherein the container has a haze value of less than  
approximately 29% measured through a section of the bottle having a total thickness  
of greater than approximately 15 mils.

14. The container of claim 10 wherein the container has a haze value of approximately  
10%-12% measured through a section of the container having a total thickness of  
15 greater than approximately 15 mils.

15. The container of claim 10 wherein the second layer comprises EVOH.

16. The container of claim 10 wherein the second layer comprises MXD6 nylon.

17. The container of claim 10 wherein the second layer comprises nylon 6.

18. The container of claim 10 wherein the second layer comprises nylon 6/66.

20 19. A multilayer container comprising:

a first layer comprising polypropylene; and  
a second layer comprising XEP403 directly adjacent to said first layer;  
wherein the first is bonded to the second layer.

20. The container of claim 19 wherein the second layer further comprises 100 ppm of cobalt.